



FACT SHEET

# Zermatt Bergbahnen AG

**SIEMENS**

# General Information

- The Zermatt Bergbahnen AG was formed in February 2002 through the merger of Matterhornbahnen AG, Zermatter Rothornbahn AG, and Standseilbahn Zermatt-Sunnegga AG as well as the sports area of Gornergrat Bahn, as contributions in kind, and the acquisition of the Findeln chairlift.
- It became Switzerland's largest cable car company with approximately 280 employees.
- The Matterhorn Ski Paradise, together with Cervinia/Valtournenche, offers 54 lifts and a total of 360 km of slopes.
- Matterhorn summer paradise offers sunny bike trails, adventurous kickbike and dirt scooter descents, and 400 km hiking trails.
- The Matterhorn glacier paradise, situated at Europe's highest cable car station at 3,883 m above sea level, offers year-round snow experiences, stunning views of 38 peaks over 4,000 m, a restaurant built to Minergie-P standards, and fascinating sculptures in the world's highest glacier palace.
- The reporting period of 2022/2023 was the most successful fiscal year in the history of Zermatt Bergbahnen. The operating revenue amounted to CHF 88.1 million (+6.8%), EBITDA to CHF 48.8 million (+6.8% with 55.3% of operating revenue), and cash flow to CHF 45.5 million (+7.1% with 51.7% of operating revenue). These figures represent absolute industry-leading benchmarks.

# Technology and customer needs

- Pioneer spirit, innovation, and advanced technologies have been the foundation of Zermatt Bergbahnen's success since its inception.
- Infrastructure in mountainous and challenging terrain demands high standards due to factors such as altitude, low oxygen levels, and rapidly changing weather.
- Evaluation of the controls and performance components must consider the derating of all the products in these high-altitude locations.
- Ensuring energy for reliable and safe operation of cable cars requires tested and reliable products in these challenging environments.
- Complete transparency and traceability of the system to ensure a total overview of the energy management of the entire infrastructure to increase energy efficiency.
- Easy interoperability between different system providers and technologies to achieve a comprehensive digitalization solution that can grow together with the customer needs and future planned plant extensions.

# Siemens Technology

- Siemens and Zermatt Bergbahnen share a long-standing and successful partnership in areas such as low-voltage power supply and state-of-the-art control solutions, which has been expanded with the completion of the Matterhorn Alpine Crossing and the connection from Matterhorn Glacier Paradise to Testa Grigia in Italy.
- The Siemens solution provides the complete transparency and traceability of the system, ensuring a seamless energy management overview of the entire infrastructure, including traceable gondola operation and the Matterhorn Glacier Paradise station.
- All the energy values can be managed directly on the control units and displayed graphically on a state-of-the-art display/HMI or SCADA.
- Service packages, such as the supply of fresh water, ventilation, lighting, air conditioning, cooling of the units and plant rooms, and other services are brought together into one clear system.
- With the Siemens TIA Portal Software Ecosystem, part of Siemens Xcelerator portfolio, Zermatt Bergbahnen was able to engineer and commission the entire plant using a single, consistent tool.
- With the Siemens Simatic S7 Controller System, Siemens provides a comprehensive automation solution for automation and OT/IT integration. With the WinCC HMI Solutions, customers can bring their data to life and make it accessible to local users. Both solutions are part of the Siemens Xcelerator Portfolio.
- SENTRON energy components meet Zermatt Bergbahnen AG's requirements regarding environmental conditions as well as digitalization needs.
- Data from different subsystems provided by a wide range of manufacturers can be easily integrated into the overall system via standardized interfaces. As the data can be accessed digitally, it can also be viewed from any location, which is a major advantage especially in the context of the exposed location of the Matterhorn Glacier Paradise.

## Contact

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